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**Data Acquisition and Reduction, R/V Ewing Shipboard Support:
Continental Margin Slope Stability Study**

Project #: N00014-97-1-0542

Project dates: 3/1/97 - 12/31/97

P.I.'s: Michael Rawson & Dennis Hayes

Columbia University, through its Marine Research division, Lamont-Doherty Earth Observatory, provided the 240' Research Vessel MAURICE EWING to conduct the oceanographic research under the direction of Dr. Carey Ingram of the Naval Oceanographic Office. The 60 days of ship time assigned to ONR for this project included the extensive mobilization and installation of Navoceano equipment in Tampa, Florida, followed by three legs of oceanographic surveys on the US continental Shelf and slope between Ft. Lauderdale, Florida and Newark, New Jersey. Columbia University provided the Navoceano investigators with oceanographic equipment which included a Dynacon trawl winch for the user-provided towed bottom survey instrumentation, bathymetric mapping instrumentation to include 12kHz, 3.5 kHz and multibeam mapping sonar equipment as well as a Bell BGM-3 gravimeter. In addition to the fully crewed research vessel, Columbia University provided technical personnel which included a Science Officer, an electronics technician and a computer systems manager for the entire research program. The Navoceano equipment was demobilized in Jacksonville, Florida.

The vessel and all equipment performed as required by the research grant. All funds were expended as stipulated in the grant proposal submitted by Columbia University and no unexpended funds remain in the grant.